



Repairing Brother Inkjet Printer "cartridge recognize impossible" sensor cartridge recognition

Come in Brother the message "detect impossible" or "no cartridge" though you've just inserted a new cartridge of the sensor is dirty. This needs to be cleaned.

Written By: Mike

INTRODUCTION

There are 3 sensors per color: a top one in the middle (level sensor) and a bottom, which detects whether a cartridge is used at all.

He sits at the bottom, running in careless or bumpy cartridge replacement ink into the device and just on this sensor. Is it so dirty that it is "blind", the unit reports "recognize impossible" or "no cartridge".

Unfortunately, you have to disassemble much to clean the device. Calculating about 3 hours for the repair.



TOOLS:

- [Phillips P2 small flat blade screwdriver](#) (1)
-

Step 1 — Dismantling device



- Open the scanning lid, remove the 3 silb. Screws up front, and thus the operating unit. The front is snapped with noses. 2 Pull cord carefully. Loosen the screws including legends, left the small cover with wireless antenna by lifting the flap around move. Rear flap down by pushing remove the hinge.

Step 2 — Scandeckel wegbauen



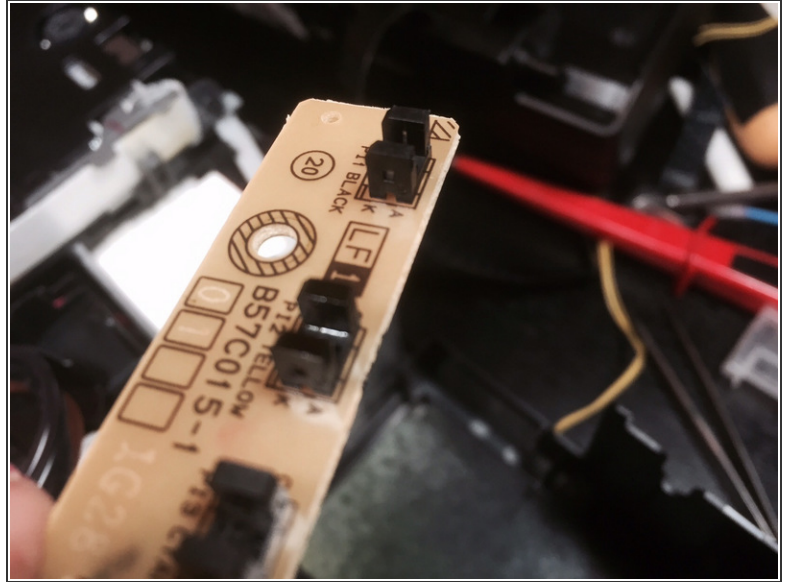
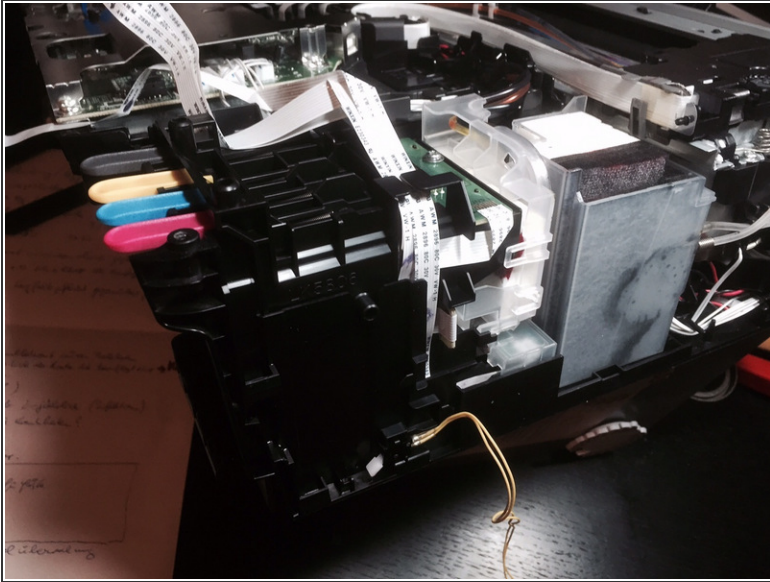
- Open Scan cover. Remove the 2 thin, lying horizontally plastic covers near Usb struck, including lie flat and round cables right to the left. Loosen plug carefully. They are all color-coded, they can not be interchanged. Links are about 5 connector and an extension cord must be solved with a Phillips screw.
- Then you can see the 3 round cable left pull out from the cable channel and expose
- Links that the lever of the cover stop is a little twist (stable) Lever up. By opening the entire lid at a certain angle you can right rausziehen the hinge back up without violence. If the cables are exposed can lift the entire scanner lid. That was the worst time being. Put it away

Step 3 — wegbauen overall housing



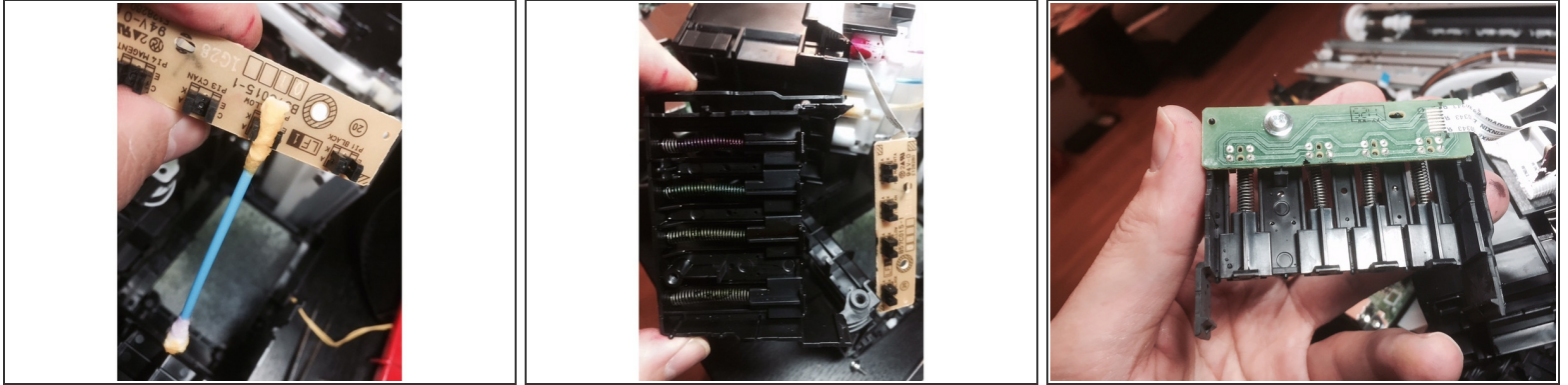
- Rear Remove Now, the remaining 2 screws from above and the front right of the ink cover. The one opens completely and levers with gentle force the stopper out of the hole. If you open the lid still on, he falls away downwards.
- Cartridges must be out!
- Now the case is withdrawn from the top. Therefore one must previously rings go from the bottom with a flat screwdriver to pry the casing and the lugs. if a few break, that does not matter, the housing is held mainly by the screws. do not forget the thin speaker cables Left stake before disconnecting!
- To remove the housing is a really difficult step. First, we think that goes gannicht, but it loosens but then! Did they round eased it, you can pull it off upwards. Caution on evt. Cables that have yet to be defined. (Eg left the thin speaker cables) Now should be removed, the housing.

Step 4 — Remove cartridge unit



- First, the two very thin sensor cable disconnect from the side flaps sensor. the mini plug is slightly left of cartridge unit. On the first picture you can see this with the two yellow cables at the bottom. The plug I have unplugged ...
- Important for the assembly later: Then the 3 ribbon cable with Edding with top, middle down flag and pull out gently from the connector. It make this marking the beginning and end of the ribbon cable! We see in the picture the removed cartridge unit and the white ribbon cable beautifully.
- Now you can pull out the cartridge unit upwards. They only added to the 4 ink tubes, but they are resilient. Now the supreme white ribbon cable from the guides rausfädeln and deduct from the bond. the lowermost plastic unit is behind the side clicked with 2 flat plates remove backwards / downwards.
- Memorize necessarily the location of inconspicuous but important Abtropfschaumgummis which sits just below the white round einfüllmündern previously. flying out when you as described above, the plastic unit ausklickst.
- Now you hold the bottom of the 3 Sensoreinheiten and the culprit in hand! Each of the 3 white ribbon cable goes to a cartridge sensor (level etc.). The lower (flat oblong board) is your goal! On the second photo you can see it. In the penultimate right inside the sensor is dirty with Tine!

Step 5 — Cleaning Sensor Unit



- Open as the 1st image a cotton swab, it hit with a pair of pliers front flat and wet it well with water. Now the sensor board bolt away with a silver screw from the plastic part and examine the 4 photocells with a magnifying glass. You'll recognize a rough dirt in color which he no longer recognized! See image!
- What he had discovered a happiness that !! Enjoy it....
- In the 2nd picture you see to be cleaned sensor board, is only dependent on the flat cable. To the left is the more polluted (later to be cleaned) spring unit with the sliders that tuck into the light barriers when a cartridge is inserted.
- And now cleaned with a wet cotton swab flat the light barrier inside thoroughly. Only one in for the function. you'll need a lot of cotton buds, because the color is productive Finally they dry with a clean cotton swab and build them again reversed a.
- Purify before the entire underside of the cartridge unit, it's worth it because always collect ink residue. of course ready to control the light barriers of the other colors that are still left, is best cleaned with that prevents !! DONE!!!! You are the / the greatest!
- You glance from inside into the cartridge slot, you can see the bottom 4 slide. These are spring-loaded and pushed back the cartridge insertion. Inside there is a plastic nose down into the photocell to report: cartridge in it! Removing this unit and rinse under running water. See photos previously -nachher.

Step 6 — Install cartridge unit again - ready!



- Now the sensor board screw again firmly with a screw, insert the abtropfschaumgummi with 4 fingers (for each color a) again horizontally from behind just below the 4 white round Tinteneinfüllmünder. He will. Through the fingers of the transparent plastic part that you now on hold again einschnappst together with the board
- And now everything exactly backward reassemble. Make sure that you carefully strikes're stuck all small plug again and reinschraubst of the scanner unit ending screw. Evt. is a control with a magnifying glass helpful!
- Control. is what left? Think about which step you've forgotten it. Only at the very end use ink cover, insert paper tray and turn without cartridges. Then insert the cartridge in the order of the display.
- Then he will accept all. Then about 3-4 times to perform an ink-cleaning, so that all air from the hoses is out. Then the head adjustment (same menu equal to one point less) do with it, he has a great and sharp prints. Now you celebrate yourself !! Great success!

Arbeite die Schritte in umgekehrter Reihenfolge ab, um dein Gerät wieder zusammenzubauen.

This document was last generated on 2017-06-17 02:17:57 AM.